



RECEIVED

SEP 05 2002

TECH CENTER 1600/2900

FORM PTO-1449 (Modified)	Attorney Docket No.: 14538A-005111US	Application No.: 10/038,060 Parent USSN: 08/973,823
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant: Andrew Koff et al.	
	Filing Date: January 4, 2002	Group: 1632 Parent Group: 1632

Reference Designation U.S. PATENT DOCUMENTS Page 1 of 1

Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
<u>RPS</u> AA.	5,302,706	04/12/94	Smith et al.			
<u>I</u> AB.	5,340,740	08/23/94	Petitte et al.			
<u>I</u> AC.	5,650,550	07/22/97	Korach et al.			
<u>RPS</u> AD.	5,958,769	09/28/99	Roberts et al.			

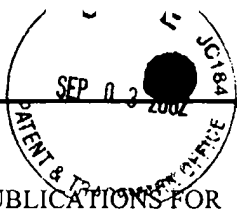
FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
<u>RPS</u> AE.	WO 94/26884	11/24/94	PCT		
<u>I</u> AF.	WO 95/18824	07/13/95	PCT		
<u>I</u> AG.	WO 96/02140	02/01/96	PCT		
<u>I</u> AH.	WO 97/26327	07/24/97	PCT		
<u>RPS</u> AI.	WO 97/38091	10/16/97	PCT		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>RPS</u> AJ.	Capeocchi, "High Efficiency Transformation by Direct Microinjection of DNA into Cultured Mammalian Cells," <u>Cell</u> 22:479-488 (November 1980).
<u>I</u> AK.	Thomas et al., "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells," <u>Cell</u> 51:503-512 (November 6, 1987).
<u>I</u> AL.	Doetschman et al., "Targetted Correction of a Mutant HPRT Gene in Mouse Embryonic Stem Cells," <u>Nature</u> 330:576-578 (December 10, 1987).
<u>I</u> AM.	Doetschman et al., "Establishment of Hamster Blastocyst-Derived Embryonic Stem (ES) Cells," <u>Devel. Biol.</u> 127:224-227 (May 1, 1988).
<u>I</u> AN.	Thomas et al., "Targeted Disruption of the Murine <i>int-1</i> Proto-Oncogene Resulting in Severe Abnormalities in Midbrain and Cerebellar Development," <u>Nature</u> 346:847-850 (August 30, 1990).
<u>I</u> AO.	Shulman et al., "Homologous Recombination in Hybridoma Cells: Dependence on Time and Fragment Length," <u>Mol. Cell. Biol.</u> 10:4466-4472 (September 1990).
<u>I</u> AP.	Rahemtulla et al., "Normal Development and Function of CD8 ⁺ Cells but Markedly Decreased Helper Cell Activity in Mice Lacking CD4," <u>Nature</u> 353:180-184 (September 12, 1991).
<u>I</u> AQ.	Hasty et al., "Target Frequency and Integration Pattern for Insertion and Replacement Vectors in Embryonic Stem Cells," <u>Mol. Cell. Biol.</u> 11:4509-4517 (September 1991).
<u>RPS</u> AR.	Houdebine et al., "Transgenesis in Fish," <u>Experientia</u> 47:891-897 (1991).

RPS 10/28/03



FORM PTO-1449 (Modified)		Attorney Docket No.: 14538A-005111US	Application No.: 10/038,060 Parent USSN: 08/973,823
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Andrew Koff et al.	
		Filing Date: January 4, 2002	Group: 1632 Parent Group: 163
<u>203</u> AS.	Donehower et al., "Mice Deficient for p53 are Developmentally Normal but Susceptible to Spontaneous Tumours," <u>Nature</u> 356:215-221 (March 19, 1992).		
AT.	Sorrentino et al., "Selection of Drug-Resistant Bone Marrow Cells in Vivo After Retroviral Transfer of Human <i>MDR1</i> ," <u>Science</u> 257:99-103 (July 3, 1992).		
AU.	Koff et al., "Formation and Activation of a Cyclin E-cdk2 Complex During the G ₁ Phase of the Human Cell Cycle," <u>Science</u> 257:1689-1694 (September 18, 1992).		
AV.	Baker et al., "Osteoblast-Specific Expression of Growth Hormone Stimulates Bone Growth in Transgenic Mice," <u>Mol. Cell. Biol.</u> 12:5541-5547 (December 1992).		
AW.	Sukoyan et al., "Isolation and Cultivation of Blastocyst-Derived Stem Cell Lines from American Mink (<i>Mustela vison</i>)," <u>Mol. Rep. Dev.</u> 33:418-431 (December 1992).		
AX.	Bradley et al., "Modifying the Mouse: Design and Desire," <u>Biotechnology</u> 10:534-539 (1992).		
AY.	Kappel et al., "Regulating Gene Expression in Transgenic Animals," <u>Current Opinion in Biotechnology</u> 3:548-553 (1992).		
AZ.	Ohtsubo et al., "Cyclin-Dependent Regulation of G ₁ in Mammalian Fibroblasts," <u>Science</u> 259:1908-1912 (March 26, 1993).		
BA.	Koff et al., "Negative Regulation of G ₁ in Mammalian Cells: Inhibition of Cyclin E-Dependent Kinase by TGF- β ," <u>Science</u> 260:536-539 (April 23, 1993).		
BB.	Schaffner et al., "Targeting of the <i>rasT24</i> Oncogene to the Proximal Convolute Tubules in Transgenic Mice Results in Hyperplasia and Polycystic Kidneys," <u>American Journal of Pathology</u> 142:1051-1060 (April 1993).		
BC.	Nakayama et al., "Disappearance of the Lymphoid System in Bcl-2 Homozygous Mutant Chimeric Mice," <u>Science</u> 261:1584-1588 (September 17, 1993).		
BD.	Ewen et al., "TGF β Inhibition of Cdk4 Synthesis is Linked to Cell Cycle Arrest," <u>Cell</u> 74:1009-1020 (September 24, 1993).		
BE.	Huang et al., "Cellular Interactions Implicated in the Mechanism of Photoreceptor Degeneration in Transgenic Mice Expressing a Mutant Rhodopsin Gene," <u>Proc. Nat. Acad. Sci. USA</u> 90:8484-8488 (September 1993).		
BF.	Mullins et al., "Transgenesis in Nonmurine Species," <u>Hypertension</u> 22:630-633 (October 1993).		
BG.	Serrano et al., "A New Regulatory Motif in Cell-Cycle Control Causing Specific Inhibition of Cyclin D/CDK4," <u>Nature</u> 366:704-707 (December 16, 1993).		
BH.	Graves et al., "Derivation and Characterization of Putative Pluripotential Embryonic Stem Cells from Preimplantation Rabbit Embryos," <u>Mol. Rep. Dev.</u> 36:424-433 (1993).		
BI.	Polyak, "p27 ^{KIP1} , a Cyclin-Cdk Inhibitor, Links Transforming Growth Factor- β and Contact Inhibition to Cell Cycle Arrest," <u>Genes & Development</u> 8:9-22 (January 1994).		
BJ.	Iannaccone et al., "Pluripotent Embryonic Stem Cells from the Rat Are Capable of Producing Chimeras," <u>Devel. Biol.</u> 163:288-292 (May 1, 1994).		
BK.	Kaushansky et al., "Promotion of Megakaryocyte Progenitor Expansion and Differentiation by the c-Mpl Ligand Thrombopoietin," <u>Nature</u> 369:568-571 (June 16, 1994).		
BL.	Slingerland et al., "A Novel Inhibitor of Cyclin-Cdk Activity Detected in Transforming Growth Factor β -Arrested Epithelial Cells," <u>Mol. Cell. Biol.</u> 14:3683-3694 (June 1994).		
BM.	Polyak et al., "Cloning of p27 ^{KIP1} , a Cyclin-Dependent Kinase Inhibitor and a Potential Mediator of Extracellular Antimitogenic Signals," <u>Cell</u> 78:59-66 (July 15, 1994).		
BN.	Toyoshima et al., "p27, a Novel Inhibitor of G ₁ Cyclin-Cdk Protein Kinase Activity, Is Related to p21," <u>Cell</u> 78:67-74 (July 15, 1994).		
BO.	Firpo et al., "Inactivation of a Cdk2 Inhibitor During Interleukin 2-Induced Proliferation of Human T-Lymphocytes," <u>Mol. Cell. Biol.</u> 14:4889-4901 (July, 1994).		
<u>203</u> BP.	Jiang et al., "Induction of differentiation in Human Promyelocytic HL-60 Leukemia Cells Activates p21, WAF1/CIP1, Expression in the Absence of p53," <u>Oncogene</u> 9:3397-3406 (November 1994).		

TECH CENTER 11001290

SEP 05 2002

RECEIVED

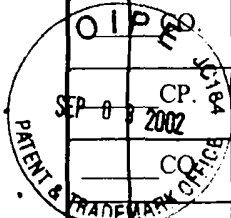
203 1928103

RECEIVED

FORM PTO-1449 (Modified)		Attorney Docket No.: 14538A-005111US	Application No.: 10/033,660 Parent USSN: 08/973,823
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Andrew Koff et al.	
		Filing Date: January 4, 2002	Group: 1632 Parent Group: 1632
<u>128</u> BQ.	Steinman et al., "Induction of p21 (WAF-1/CIP1) During Differentiation," <u>Oncogene</u> 9:3389-3396 (November 1994).		
<u>OT</u> BR.	Zhuang et al., "The Helix-Loop-Helix Gene E2A Is Required for B Cell Formation," <u>Cell</u> 79:875-884 (December 2, 1994).		
<u>SEP 03 2002</u> BS.	Nourse et al., "Interleukin-2-Mediated Elimination of the p27 ^{Kip1} Cyclin-Dependent Kinase Inhibitor Prevented by Rapamycin," <u>Nature</u> 372:570-573 (December 8, 1994).		
<u>SEP 03 2002</u> BT.	Kato et al., "Cyclic AMP-Induced G1 Phase Arrest Mediated by an Inhibitor (p27 ^{Kip1}) of Cyclin Dependent Kinase 4 Activation," <u>Cell</u> 79:587:487-496 (1994).		
BU.	Seamark, "Progress and Emerging Problems in Livestock Transgenesis: a Summary Perspective," <u>Reprod. Fertil. Dev.</u> 6:653-657 (1994).		
BV.	Wakamatsu et al., "Establishment of a Pluripotent Cell Line Derived from a Medaka (<i>Oryzias Latipes</i>) Blastula Embryo," <u>Molecular Marine Biology and Biotechnology</u> 3:185-191 (1994).		
BW.	Wheeler, "Development and Validation of Swine Embryonic Stem Cells: a Review," <u>Reprod. Fertil. Dev.</u> 6:563-568 (1994).		
BX.	Wigley et al., "Site-Specific Transgene Insertion: an Approach," <u>Reprod. Fertil. Dev.</u> 6:585-588 (1994).		
BY.	Raviprakash et al., "Inhibition of Dengue Virus by Novel, Modified Antisense Oligonucleotides," <u>J. Virol.</u> 69:69-74 (January 1995).		
BZ.	Peitenpol et al., "Assignment of the Human p27 ^{Kip1} Gene to 12p13 and Its Analysis in Leukemias," <u>Can. Res.</u> 55:1206-1210 (March 15, 1995).		
CA.	Ravitz et al., "Transforming Growth Factor β -Induced Activation of Cyclin E-cdk2 Kinase and Down-Regulation of p27 ^{Kip1} in C3H 10T ^{1/2} Mouse Fibroblasts," <u>Can. Res.</u> 55:1413-1416 (April 1, 1995).		
CB.	Sherr et al., "Inhibitors of Mammalian G ₁ Cyclin-Dependent Kinases," <u>Genes & Development</u> 9:1149-1163 (May 15, 1995).		
CC.	Chan et al., "Identification of Human and Mouse p19, a Novel CDK4 and CDK6 Inhibitor with Homology to p16 ^{ink4} ," <u>Mol. Cell. Biol.</u> 15:2682-2688 (May 1995).		
CD.	Resnitzky et al., "Different Roles for Cyclins D1 and E in Regulation of the G ₁ -to-S Transition," <u>Mol. Cell. Biol.</u> 15:3463-3469 (July 1995).		
CE.	Reynisdottir et al., "Kip/Cip and Ink4 Cdk Inhibitors Cooperate to Induce Cell Cycle Arrest in Response to TGF- β ," <u>Genes & Development</u> 9:1831-1845 (August 1, 1995).		
CF.	Pagano et al., "Role of Ubiquitin-Proteasome Pathway in Regulating Abundance of the Cyclin-Dependent Kinase Inhibitor p27," <u>Science</u> 269:682-685 (August 4, 1995).		
CG.	Thomson et al., "Isolation of a Primate Embryonic Stem Cell Line," <u>Proc. Nat. Acad. Sci. USA</u> 92:7844-7848 (August 15, 1995).		
CH.	Deng et al., "Mice Lacking p21 ^{CIP1/WAF1} Undergo Normal Development, but Are Defective in G1 Checkpoint Control," <u>Cell</u> 82:675-684 (August 25, 1995).		
CI.	Brugaroias et al., "Radiation-Induced Cell Cycle Arrest Compromised by p21 Deficiency," <u>Nature</u> 377:552-557 (October 12, 1995).		
CJ.	Crystal, "Transfer of Genes to Humans: Early Lessons and Obstacles to Success," <u>Science</u> 270:404-410 (October 20, 1995).		
CK.	Khare et al., "Spontaneous Inflammatory Arthritis in HLA-B27 Transgenic Mice Lacking β_2 -Microglobulin: A Model of Human Spondyloarthropathies," <u>J. Exp. Med.</u> 182:1153-1158 (October 1995).		
CL.	Kranenburg et al., "Inhibition of Cyclin-Dependent Kinase Activity Triggers Neuronal Differentiation of Mouse Neuroblastoma Cells," <u>J. Cell Biol.</u> 131:227-234 (October 1995).		
<u>128</u> CM.	Koff et al., "p27 ^{KIP1} , an Inhibitor of Cyclin-Dependent Kinases," <u>Progress in Cell Cycle Research</u> 1:141-147 (1995).		

RBS 10/28/03

FORM PTO-1449 (Modified)		Attorney Docket No.: 14538A-005111US	Application No.: 10/038,060 Parent USSN: 08/973,223
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Andrew Koff et al.	
		Filing Date: January 4, 2002	Group: 1632 Parent Group: 1632
RCN.	Li et al., "mRNA Expression of Vimentin Gene in Lens of Transgenic Mouse and DNA Amplification of Human Cataracts," <u>Eye Science</u> 11:113-116 (1995).		
CP.	Limonta et al., "Production of Active Anti-CD6 Mouse/Human Chimeric Antibodies in the Milk of Transgenic Mice," <u>Immunotechnology</u> 1:107-113 (1995).		
CO.	Stull et al., "Antigene, Robozyme and Aptamer Acid Drugs: Progress and Prospects," <u>Pharma. Res.</u> 12:465-483 (1995).		
CR.	van Denderen et al., "Expression of Functional Decay-Accelerating Factor (CD55) in Transgenic Mice Protects Against Human Complement-Mediated Attack," <u>Transplantation</u> 61:582-588 (February 27, 1996).		
CS.	Mullins et al., "Perspectives Series: Molecular Medicine in Genetically Engineered Animals, Transgenesis in the Rat and Larger Mammals," <u>J. Clin. Invest.</u> 97:1557-1560 (April 1996).		
CT.	Coats et al., "Requirement of p27 ^{Kip1} for Restriction Point Control of the Fibroblast Cell Cycle," <u>Science</u> 272:877-880 (May 10, 1996).		
CU.	Fero et al., "A Syndrome of Multiorgan Hyperplasia with Features of Gigantism, Tumorigenesis, and Female Sterility in p27 ^{Kip1} -Deficient Mice," <u>Cell</u> 85:733-744 (May 31, 1996).		
CV.	Kiyokawa et al., "Enhanced Growth of Mice Lacking the Cyclin-Dependent Kinase Inhibitor Function of p27 ^{Kip1} ," <u>Cell</u> 85:721-732 (May 31, 1996).		
CW.	Nakayama et al., "Mice Lacking p27 ^{Kip1} Display Increased Body Size, Multiple Organ Hyperplasia, Retinal Dysplasia, and Pituitary Tumors," <u>Cell</u> 85:707-720 (May 31, 1996).		
CX.	Tyers, "The Cyclin-Dependent Kinase Inhibitor p40 ^{SIC1} Imposes the Requirement for Cln G1 Cyclin Function at Start," <u>Proc. Nat. Acad. Sci. USA</u> 93:7772-7776 (July 1996).		
CY.	Rivard et al., "Abrogation of p27 ^{Kip1} by cDNA Antisense Suppresses Quiescence (G ₀ State) in Fibroblasts," <u>J. Biol. Chem.</u> 271:18337-18341 (August 2, 1996).		
CZ.	Ross et al., "Gene Therapy in the United States: A Five-Year Status Report," <u>Human Gene Therapy</u> 7:1781-1790 (September 10, 1996).		
DA.	Irwin et al., "Identification of Transgenic Mice by PCR Analysis of Saliva," <u>Nature Biotechnology</u> 14:1146-1148 (September 1996).		
DB.	Schoonjans et al., "Pluripotential Rabbit Embryonic Stem (ES) Cells Are Capable of Forming Overt Coat Color Chimeras Following Injection into Blastocysts," <u>Mol. Rep. Dev.</u> 45:439-443 (September 1996).		
DC.	Khare et al., "HLA-B27 Heavy Chains Contribute to Spontaneous Inflammatory Disease in B27/Human β_2 -Microglobulin (β_2m) Double Transgenic Mice with Disrupted Mouse β_2m ," <u>J. Clin. Invest.</u> 98:2746-2755 (December 1996).		
DD.	Charreau et al., "Transgenesis in Rats: Technical Aspects and Models," <u>Trans. Res.</u> 5:223-234 (1996).		
DE.	Liu et al., "Transcriptional Activation of the Cdk Inhibitor p21 by Vitamin D ₃ Leads to the Induced Differentiation of the Myelomonocytic Cell Line U937," <u>Genes & Development</u> 10:142-153 (1996).		
DF.	Mullins et al., "Perspectives Series: Molecular Medicine in Genetically Engineered Animals, Transgenesis in the Rat and Larger Mammals," <u>J. Clin. Invest.</u> 98:S37-S40 (1996).		
DG.	Rojanasakul, "Antisense oligonucleotide therapeutics: drug delivery and targeting," <u>Y. Advanced Drug Delivery Reviews</u> , 18:115-131 (1996).		
DH.	Campbell et al., "Totipotency or Multipotentiality of Cultured Cells: Applications and Progress," <u>Theriogenology</u> 47:63-72 (January 1, 1997).		
DI.	Cameron, "Recent Advances in Transgenic Technology," <u>Molecular Biotechnology</u> 7:253-265 (1997).		
DJ.	Gardner et al., "Reflections on the Biology of Embryonic Stem (ES) Cells," <u>Int. J. Dev. Biol.</u> 41: 235-243 (1997).		
DK.	<u>Merriam Webster's Collegiate Dictionary</u> , "Bull," 10 th Ed., pg. 150. (1997).		
DL.	<u>Merriam Webster's Collegiate Dictionary</u> , "Cow," 10 th Ed., pg. 268 (1997).		



RECEIVED
SEP 05 2002
FBI CENTER 160/280

RDs 1928103

FORM PTO-1449 (Modified)		Attorney Docket No.: 14538A-005111US	Application No.: 10/038,060 Parent USSN: 08/973,823
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Andrew Koff et al.	
		Filing Date: January 4, 2002	Group: 1632 Parent Group: 1632
<u>RR</u> DM.	Moreadith et al., "Gene Targeting in Embryonic Stem Cells: the New Physiology and Metabolism," <u>J. Mol. Med.</u> 75:208-216 (1997).		
DN.	Hong et al., "Production of Medakafish Chimeras from a Stable Embryonic Stem Cell Line," <u>Proc. Nat. Acad. Sci. USA</u> 95:3679-3684 (March 31, 1998).		
<u>RR</u> DP.	Anderson, "Human Gene Therapy," <u>Nature</u> 392 (supp.):25-30 (April 30, 1998).		
DO.	Deonarain, "Ligand-Targeted Receptor-Mediated Vectors for Gene Delivery," <u>Exp. Opin. Ther. Patents</u> 8:53-69 (1998).		
DR.	Khare et al., "Unraveling the Mystery of HLA-B27 Association with Human Spondyloarthropathies Using Transgenic and Knock Out Mice," <u>Immunology</u> 10:15-23 (1998).		
DS.	Mountain, "Gene Therapy: the First Decade," <u>Tibtech</u> 18:119-128 (March 2000).		
<u>RR</u> DT.	Denning et al., "Deletion of the α (1,3) Galactosyl Transferase (<i>GGTA1</i>) Gene and the Prion Protein (<i>PrP</i>) Gene in Sheep," <u>Nature Biotechnology</u> 19:559-562 (June 2001).		
EXAMINER <u>RR</u> DATE CONSIDERED <u>10/28/03</u>			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SE 5011552 v1

RECEIVED
SEP 05 2002
TECH CENTER 1800/2900